

METROPOLITAN WATER RECLAMATION
DISTRICT OF GREATER CHICAGO
OTHER POSTEMPLOYMENT BENEFITS PROGRAM

PRELIMINARY GASB 75 DISCLOSURE INFORMATION FOR THE
FISCAL YEAR ENDING DECEMBER 31, 2024

GASB 74/GASB 75 DISCLOSURE INFORMATION FOR THE
FISCAL YEAR ENDING DECEMBER 31, 2023

Valuation Date: December 31, 2023
Measurement Date: December 31, 2023
Fiscal Year End Date: December 31, 2024



April 19, 2024

To the Members of the Board of Commissioners
of the Metropolitan Water Reclamation District of Greater Chicago
Trustee and Fiduciary for the MWRD Retiree Health Care Trust
100 East Erie Street
Chicago, IL 60611

Re: Metropolitan Water Reclamation District – FYE December 31, 2023 GASB 74 Disclosures
and Preliminary FYE December 31, 2024 GASB 75 Disclosures

Dear Members of the Board:

Metropolitan Water Reclamation District of Chicago (MWRD) retained Foster & Foster Consulting Actuaries Inc. to provide all necessary schedules required to comply with the Governmental Accounting Standards Board No. 74 (“GASB 74”) and No. 75 (“GASB 75”) for the Retiree Health Care Benefit Plan (“the Plan”). The GASB 74 and 75 results are applicable for MWRD’s fiscal years ending December 31, 2023 and December 31, 2024, respectively. The schedules related to GASB 74 can be found in Appendix 1. The Crossover Test supporting the single discount rate calculation can be found in Appendix 2.

Actuarial calculations under GASB 74 and 75 are for purposes of fulfilling MWRD’s financial accounting requirements. The calculations contained herein have been made on a basis consistent with our understanding of GASB 74 and 75.

The valuation (including selection of assumptions and methods for funding purposes) has been conducted in accordance with all applicable federal laws and regulations, as well as generally accepted actuarial principles and practices, including the applicable Actuarial Standards of Practice as issued by the Actuarial Standards Board; specifically No. 6 for Measuring Retiree Group Benefit Obligations, No. 23 for Data Quality, No. 27 for Selection of Economic Assumptions for Measuring Pension Obligations, and No. 35 for Selection of Demographic and Other Noneconomic Assumptions for Measuring Pension Obligations. GASB 74 and 75 requires that each significant assumption reflect the client’s best estimate of the Plan’s future experience solely with respect to that assumption. In our opinion, the assumptions and methods used in this valuation, as adopted by the District, represent reasonable expectations of anticipated plan experience under GASB 74 and 75.

In performing the analysis, we used third-party software to model (calculate) the underlying liabilities and costs. These results are reviewed in the aggregate and for individual sample lives. The output from the software is either used directly or input into internally developed models to generate the costs. All internally developed models are reviewed as part of the process. As a result of this review, we believe that the models have produced reasonable results. We do not believe there are any material inconsistencies among assumptions or unreasonable output produced due to the aggregation of assumptions.

In conducting the valuation, we have relied on personnel and plan design information supplied by the District personnel, and the actuarial assumptions and methods described in the Actuarial Assumptions section of this report. While we cannot verify the accuracy of all this information, the supplied information was reviewed for consistency and reasonableness. Because of this review, we have no reason to doubt the substantial accuracy of the information and believe that it has produced appropriate results. This information, along with any adjustments or modifications, is summarized in various sections of this report.

The total OPEB liability is determined by an actuarial valuation of benefits every two years. In interim years, disclosures may be developed based on results of the most recent actuarial valuation. The total OPEB Liability and certain sensitivity information shown in this report are based on the most recent actuarial valuation performed as of December 31, 2023. The next actuarial valuation will be conducted as of December 31, 2025. It is our opinion that the assumptions used for this purpose are internally consistent, reasonable, and comply with the requirements under GASB 74 and 75.

This report shows detailed summaries of the financial results of the valuation and membership data used in preparing this valuation. The actuaries prepared supporting schedules that are to be included in the Actuarial and Statistical Sections of the MWRD Annual Comprehensive Financial Report. The actuary prepared the trend data schedules to be included in the Financial Sections of the MWRD Retiree Health Care Trust Annual Comprehensive Financial Report. The schedules include:

- OPEB Expense and Net OPEB Liability
- Supplements to Notes to the Financial Statements:
 - Schedule of Changes in the Net OPEB Liability
 - Schedule of Net OPEB Liability Sensitivities
- Schedule of Deferred Inflows of Resources and Deferred Outflows of Resources Related to OPEB
- Schedule of Changes in the Total OPEB Liability and Related Ratios
- Schedule of Contributions
- Schedule of Components of OPEB Expense and Related Amortization Schedules
- Reconciliation of Changes in Unfunded Liability
- Summary of Membership Data
- Schedule of Active Member Valuation Data

The measurements shown in this actuarial valuation may not be applicable for other purposes. Future actuarial measurements may differ significantly from the current measurements presented in this report due to factors such as the following: plan experience differing from that anticipated by the economic or demographic assumptions; changes in economic or demographic assumptions; increases or decreases expected as part of the natural operation of the methodology used for these measurements (such as the end of an amortization period); and changes in plan provisions or applicable law. Retiree group benefits models necessarily rely on the use of approximations and estimates and are sensitive to changes in these approximations and estimates. Small variations in these approximations and estimates may lead to significant changes in actuarial measurements. Due to the limited scope of this report an analysis of the potential range of such future measurements has not been performed.

This report was prepared for the internal use of Metropolitan Water Reclamation District in connection with our actuarial valuation of the Plan for the purpose noted above and not for reliance by any other person. Foster & Foster Consulting Actuaries, Inc. disclaims any contractual or other responsibility or duty of care to others based upon the services or deliverables provided in connection with this report.

This report does not purport to comply with any other purposes not stated herein. Significantly different results from what is presented in this report may be needed for other purposes.

This document was not intended or written to be used, and it cannot be used, for the purpose of avoiding U.S. federal, state, or local tax penalties. This includes penalties that may apply if the transaction that is the subject of this document is found to lack economic substance or fails to satisfy any other similar rule of law.

Foster & Foster does not provide legal, investment or accounting advice. Thus, the information in this report is not intended to supersede or supplant the advice or the interpretations of the District or its affiliated legal, investing or accounting partners.

The undersigned actuaries are familiar with the immediate and long-term aspects of OPEB valuations, are members of the Society of Actuaries and the American Academy of Actuaries and meet the “Qualification Standards for Actuaries Issuing Statements of Actuarial Opinion in the United States” related to postretirement medical and life insurance plans. All the sections of this report are considered an integral part of the actuarial opinions.

To our knowledge, the individuals involved in this engagement have no relationship that may impair, or appear to impair, the objectivity of our work.

If there are any questions, concerns, or comments about any of the items contained in this report, please contact us at 630 620-0200.

Respectfully submitted,

Foster & Foster, Inc.

By: 
Jason L. Franken, FSA, EA, MAAA

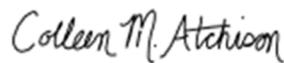
By: 
Colleen M. Atchison, FSA, MAAA

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SECTION 1 – Executive Summary

SECTION 1 – EXECUTIVE SUMMARY

The results presented in this report have been prepared in accordance with the Government Accounting Standards Board Statement 75 (GASB 75) for the Metropolitan Water Reclamation District's Other Postemployment Benefits (OPEB) Program, based on the actuarial valuation performed as of December 31, 2023. For purposes of this valuation, Medical and Prescription Drug Insurance OPEBs were taken into consideration.

The results of this valuation are based on a Measurement Date of December 31, 2023 and are applicable to the fiscal year ending December 31, 2024. The following table shows the key components of the District's OPEB valuation for fiscal year 2024 under GASB 75.

Measurement Date:	<u>12/31/2023</u>
Total OPEB Liability as of the Measurement Date	\$ 324,239,271
Plan Fiduciary Net Position as of the Measurement Date	<u>312,541,296</u>
District's Net OPEB Liability as of the Measurement Date	<u>\$ 11,697,975</u>
OPEB Expense/(Revenue) for the Fiscal Year ending December 31, 2024	\$ (4,322,228)
Covered Payroll	\$ 194,145,252
District's Net OPEB Liability as a percentage of Covered Payroll	6.03%
Census Information as of December 31, 2023:	
Active Participants	1,759
Retirees, Beneficiaries, and Disabled Members	1,913
Inactive Plan Members Entitled to But Not Yet Receiving Benefits	40
Covered Spouses	<u>876</u>
Total Participants	4,588

SECTION 1 – Executive Summary

District Funding Policy:

There is currently no legal requirement for the District to partially or fully fund the OPEB Plan. It is our understanding that the Board of Commissioners adopted an advance funding policy (last amended October 2, 2014) with a goal of fully funding the Plan over a period of 12 years. The funding amount is currently targeted at \$5 million in addition to the Actuarially Determined Contribution in each of the ten years 2017 through 2026, with no further advance funding contributions required after 2026. The Trust is expected to begin paying retiree claims and premiums beginning in 2027, with a maximum withdrawal of \$10 million per year until such a time as the funded level is 100% for all future years.

Changes since the Prior Valuation

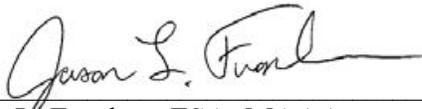
- The census data reflects changes in status for the twenty-four-month (24) period since December 31, 2021.
- The annual per capita claims costs have been updated. The premium rates have also been updated to use the rates effective for fiscal year 2024.
- Mortality, retirement, termination and salary scale rates have been updated to align with those proposed in the experience study conducted in 2023.
- Trend rates have been reset to use an initial rate of 8.50% in fiscal year 2024, grading down to 4.00% in fiscal year 2075, in accordance with the Getzen model developed based on recent health care costs studies. Medicare Advantage (MAPD) costs are expected to increase at 3.5% per year.
- The percent of the population assumed to elect PPO coverage (as opposed to HMO coverage) in retirement was lowered from 76% to 65% based on actual retiree enrollment as of the valuation date.

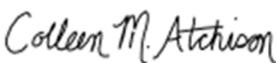
SECTION 1 – Executive Summary

The balance of this report presents additional details of the actuarial valuation and the general operation of the Fund. The undersigned would be pleased to meet with the Board of Trustees to discuss the report and any pending questions concerning its contents.

Respectfully submitted,

FOSTER & FOSTER, INC.

By: 
Jason L. Franken, FSA, MAAA

By: 
Colleen M. Atchison, FSA, MAAA

SECTION 2 – Notes to Financial Statements

SECTION 2 – NOTES TO THE FINANCIAL STATEMENTS (For the Year Ended December 31, 2024)

SUMMARY OF SIGNIFICANT ACCOUNTING POLICES

Postemployment Benefits Other Than Pensions (OPEB):

For purposes of measuring the net OPEB Liability, deferred outflows of resources and deferred inflows of resources related to OPEB, and OPEB expense, information about the fiduciary net position of the District's Retiree Health Care Plan (Plan) and additions to/ deductions from the Plan's fiduciary net position have been determined on the same basis as they are reported by the Plan. For this purpose, the Plan recognizes benefit payments when due and payable in accordance with the benefit terms. Investments are reported at fair value, except for money market investments and participating interest-earning investment contracts that have a maturity at the time of purchase of one year or less, which are reported at cost.

GENERAL INFORMATION ABOUT THE OPEB PLAN

Plan Description:

The Metropolitan Water Reclamation District of Chicago Retiree Health Care Benefit Plan (Plan) is a single employer defined benefit postemployment health care plan that covers eligible retired employees of the District. The Plan, which is administered by the District, allows employees who retire and meet retirement eligibility requirements under the District's retirement plan to continue health coverage as a participant in the District's plan.

Employees Covered by Benefit Terms. At December 31, 2023, the following employees were covered by the benefit terms:

Inactive Plan Members Currently Receiving Benefits	1,512
Beneficiaries of Deceased Plan Members Currently Receiving Benefits	401
Inactive Plan Members Entitled to But Not Yet Receiving Benefits	40
Active Plan Members	<u>1,759</u>
	<u>3,712</u>

Benefits Provided:

The benefits provided are the same as those provided for active employees. Spouses and dependents of eligible retirees are also eligible for medical coverage in accordance with the plan. All full-time employees of the District with at least ten actual years of service are eligible to receive postemployment benefits. Coverage for retirees and their eligible spouse is provided for life. Coverage for dependent children is provided in accordance with the eligibility provisions of the District-sponsored health plan. The Trust was established to advance fund benefits provided under the Plan.

SECTION 2 – Notes to Financial Statements

Eligibility for Insurance Coverage:

Employees must have at least ten actual years of service with the District, and coverage does not commence until the member starts receiving payments from the District's Retirement Fund. District Commissioners must have at least six years of service as a Commissioner of the District. Eligibility is based on the employee's hire date as follows: age 50 for those hired on or before June 13, 1997, age 55 for those hired between June 13, 1997 and January 1, 2011 and age 62 for those hired on or after January 1, 2011.

Health Care Insurance:

Retirees who meet the age and service requirements above are eligible for medical and prescription drug benefits payable for life.

Contributions:

The Metropolitan Water Reclamation District's Retiree Health Care Plan (Plan) is a single employer defined benefit postemployment health care plan that covers eligible retired employees of the District. The Plan, which is administered by the District, allows employees who retire and meet certain eligibility requirements to continue medical and prescription drug coverage as a participant in the District's plan. Spouses and dependents of eligible retirees are also eligible for medical and prescription drug coverage in accordance with the plan. All full-time employees of the District who meet the age and service requirements are eligible to receive postemployment health care benefits. Lifetime coverage for retirees and their eligible spouses is provided. Coverage for dependent children is also provided in accordance with the eligibility provisions of the District-sponsored health plan. The Trust was established to advance fund benefits provided under the Plan.

Under the terms of the Plan, the Retired plan members and beneficiaries currently receiving benefits are required to contribute specified amounts monthly toward the cost of health insurance premiums.

The retiree contribution rates are set based on prior year claims incurred and become effective January 1st each year. The retiree contribution rate utilized is based on the contribution rate policy established by the Board of Commissioners. The retiree contribution rate for 2023 and after is 50.0%.

In future years, contributions are assumed to increase at the same rate as claims expenditures.

SECTION 2 – Notes to Financial Statements

District Funding Policy:

There is currently no legal requirement for the District to partially or fully fund the OPEB Plan. It is our understanding that the Board of Commissioners adopted an advance funding policy (last amended October 2, 2014) with a goal of fully funding the Plan over a period of 12 years. The funding amount is currently targeted at \$5 million in addition to the Actuarially Determined Contribution in each of the ten years 2017 through 2026, with no further advance funding contributions required after 2026. The Trust is expected to begin paying retiree claims and premiums beginning in 2027, with a maximum withdrawal of \$10 million per year until such a time as the funded level is 100% for all future years.

The Board of Commissioners is responsible for establishing and maintaining a funding policy. It is our opinion that this policy complies with guidelines set forth in ASOP 6 (Measuring Retiree Group Benefits Obligations and Determining Retiree Group Benefits Program Periodic Costs or Actuarially Determined Contributions). The actuarial cost method used for funding purposes is the Entry Age Normal Cost method, as is used for financial reporting purposes. The method is required for financial reporting purposes and was selected for funding purposes for consistency. Assumptions used for determination of the Actuarially Determined Contribution are the same as those used for financial reporting purposes.

Investment Policy:

The following was the Board's adopted asset allocation policy as of December 31, 2022.

<u>Asset Class</u>	<u>Target Allocation</u>
Broad Fixed Income	20.0%
Core Plus Fixed Income	15.0%
Large Cap Core Equity	17.5%
Large Cap Growth Equity	7.5%
Mid Cap Core Equity	7.5%
Small Cap Value Equity	5.0%
Small Cap Core Equity	7.5%
Global Low Volatility	5.0%
Non US Large Cap Core Equity	15.0%
Total	<u>100%</u>

No such rates were provided as of December 31, 2023.

Concentrations:

The Plan did not hold investments in any one organization that represent 5 percent or more of the Fund's Fiduciary Net Position.

SECTION 2 – Notes to Financial Statements

Rate of Return:

For the year ended December 31, 2023 the annual money-weighted rate of return on investments, net of investment expense, was 16.19 percent. The money-weighted rate of return expresses investment performance, net of investment expense, adjusted for the changing amounts invested.

Receivables:

If the OPEB plan reported receivables from long-term contracts with the District for contributions, the OPEB plan should disclose information required by paragraph 34c of this Statement.

Allocated Insurance Contracts:

If the OPEB plan had allocated insurance contracts that are excluded from OPEB plan assets, the OPEB plan should disclose information required by paragraph 34d of this Statement.

SECTION 2 – Notes to Financial Statements

SECTION 2 – NOTES TO FINANCIAL STATEMENTS (For the Year Ended December 31, 2024)

NET OPEB LIABILITY

The measurement date is December 31, 2023.

The measurement period for the OPEB expense is January 1, 2023 to December 31, 2023.

The reporting period is January 1, 2024 through December 31, 2024.

The District's Net OPEB Liability was measured as of December 31, 2023.

Actuarial Assumptions:

The Net OPEB Liability was determined by an actuarial valuation as of December 31, 2023 using the following actuarial assumptions:

Inflation Rate	2.80%
Salary Increase Rate(s)	Varies by Service
Discount Rate	6.50%
Initial Trend Rate	8.50%
Ultimate Trend Rate	4.00%
Years to Ultimate	51
Investment Rate of Return	6.50%

Mortality Rate

Active Lives:

PubG-2010 (amount-weighted) Employee mortality, unadjusted, projected to 2023 with MP-2021.

Inactive Lives:

PubG-2010 (amount-weighted) Healthy Retiree mortality, adjusted by a factor of 1.067 for male retirees and 1.061 for female retirees, projected to 2023 with MP-2021.

Beneficiaries:

PubG-2010 (amount-weighted) Survivor mortality, adjusted by a factor of 0.973 for male beneficiaries and adjusted by a factor of 1.075 for female beneficiaries, projected to 2023 with MP-2021.

Disabled Lives:

PubS-2010 Disabled mortality, unadjusted with no mortality improvements.

SECTION 2 – Notes to Financial Statements

The Long-Term Expected Rate of Return:

The Long-Term Expected Rate of Return on OPEB Plan investments is determined using a building-block method in which best-estimate rates of expected future real rates of return (expected returns, net of investment expenses and inflation) are developed for each major asset class. These ranges are combined to produce the Long-Term Expected Rate of Return by weighting the expected future real rates of return by the target asset allocation percentage and by adding expected inflation. Best estimates of arithmetic real rates of return for each major asset class included in the target asset allocation as of December 31, 2022 are summarized in the following table:

<u>Asset Class</u>	<u>Target Allocation</u>	<u>Long Term Expected Real Rate of Return</u>
Broad Fixed Income	20.0%	4.90%
Core Plus Fixed Income	15.0%	5.80%
Large Cap Core Equity	17.5%	6.80%
Large Cap Growth Equity	7.5%	6.80%
Mid Cap Core Equity	7.5%	7.30%
Small Cap Value Equity	5.0%	7.70%
Small Cap Core Equity	7.5%	7.90%
Global Low Volatility	5.0%	6.80%
Non US Large Cap Core Equity	15.0%	7.50%
Total	<u>100%</u>	

No such rates were provided as of December 31, 2023.

The Long-Term Expected Rate of Return calculated using the method described above exceeds 6.50% (assuming 2.80% inflation).

Discount Rate:

The projection of cash flows used to determine the Discount Rate assumed that current Plan Member and District contributions will be made at the current contribution rate (i.e. funding policy). The expected rate of return on trust investments is 6.50%. It is our understanding that the District has adopted a funding policy as of October 2, 2014 with the intention of fully funding the plan by 2026 and maintaining 100% funding thereafter. The District will begin drawing benefit payments from the Trust at that time, with an upper limit of \$10 million per year for the first five years. The District has shown that they are following the funding policy completely and will continue to do so. Therefore, the expected return on investments was used to discount projected benefit payments for all future benefit payments, and the single equivalent rate was 6.50%.

SECTION 2 – Notes to Financial Statements

CHANGE IN NET OPEB LIABILITY

	Increase (Decrease)		
	Total OPEB Liability	Plan Fiduciary Net Position	Net OPEB Liability
	(a)	(b)	(a)-(b)
Reporting Period Ending December 31, 2023	\$ 352,428,624	\$ 264,148,401	\$ 88,280,223
Changes for the Year:			
Service Cost	3,842,017	-	3,842,017
Interest	22,884,924	-	22,884,924
Differences Between Expected and Actual Experience	(47,129,564)	-	(47,129,564)
Changes of Assumptions	737,253	-	737,253
Changes of Benefit Terms	-	-	-
Contributions - Employer Trust	-	5,000,000	(5,000,000)
Contributions - Pay-As-You-Go	-	8,523,983	(8,523,983)
Net Investment Income	-	43,437,554	(43,437,554)
Explicit Gross Benefit Payments	(8,523,983)	(8,523,983)	-
Administrative Expense	-	(44,659)	44,659
Net Changes	(28,189,353)	48,392,895	(76,582,248)
Reporting Period Ending December 31, 2024	\$ 324,239,271	\$ 312,541,296	\$ 11,697,975

Differences between expected and actual experience. Reflects the impact of changes to the census data from the prior valuation to the valuation as of December 31, 2023.

Changes of Assumptions. Reflected under changes of assumptions are updated health care costs and premiums, reset health care cost trend rates using the Getzen model, as well as an updated rate at which retirees are assumed to elect PPO coverage. Further, assumption changes reflect updated mortality, retirement, termination and salary increase rates.

SECTION 2 – Notes to Financial Statements

Sensitivity of the Net OPEB Liability to changes in the Discount Rate:

The following presents the Net OPEB Liability of the District, as well as what the District's Net OPEB Liability would be if it were calculated using a discount rate that is one percentage-point lower or one percentage-point higher than the current discount rate:

	1% Decrease	Current Discount Rate	1% Increase
	5.50%	6.50%	7.50%
Net OPEB Liability (asset)	\$ 55,218,234	\$ 11,697,975	\$ (24,264,778)

Sensitivity of the Total OPEB Liability to changes in the Healthcare Cost Trend Rates:

The following presents the Net OPEB Liability of the District, as well as what the District's Net OPEB Liability would be if it were calculated using healthcare cost trend rates that are one percentage-point lower or one percentage-point higher than the current healthcare cost trend rates:

	1% Decrease	Healthcare Cost Trend Rates	1% Increase
	3.00% - 7.50%	4.00% - 8.50%	5.00% - 9.50%
Net OPEB Liability (asset)	\$ (27,155,683)	\$ 11,697,975	\$ 58,343,296

OPEB Plan Fiduciary Net Position:

Detailed information about the OPEB Plan's Fiduciary Net Position is available in a separately issued Plan financial report.

SECTION 3 – GASB 75 Disclosure Schedules

SECTION 3 – GASB 75 DISCLOSURE SCHEDULES

FINAL OPEB EXPENSE AND DEFERRED OUTFLOWS OF RESOURCES AND DEFERRED INFLOWS OF RESOURCES RELATED TO OPEB

(For the Year Ended December 31, 2023)

For the year ended December 31, 2023, the District will recognize OPEB Expense/(Revenue) of \$8,182,913.

On December 31, 2023, the District reported Deferred Outflows of Resources and Deferred Inflows of Resources related to OPEB from the following sources:

	<u>Deferred Outflows of Resources</u>	<u>Deferred Inflows of Resources</u>
Differences between Expected and Actual Experience	\$ 2,922,255	\$ 11,218,930
Changes of Assumptions	13,638,835	15,981,621
Net Difference Between Projected and Actual Earnings on OPEB Plan Investments	34,567,320	-
Employer Contributions Made Subsequent to the Measurement Date	<u>13,523,983</u>	<u>-</u>
Total	<u>\$ 64,652,393</u>	<u>\$ 27,200,551</u>

Amounts reported as Deferred Outflows of Resources and Deferred Inflows of Resources related to OPEB will be recognized in OPEB Expense as follows:

Year ended December 31:

2024	\$ (1,914,289)
2025	\$ 3,455,696
2026	\$ 6,947,192
2027	\$ 14,955,279
2028	\$ 483,981
Thereafter	\$ -

Notes to Schedule:

Employer Contributions Made Subsequent to the Measurement Date are actual employer contributions for this fiscal year ending December 31, 2023.

SECTION 3 – GASB 75 Disclosure Schedules

PRELIMINARY OPEB EXPENSE AND DEFERRED OUTFLOWS OF RESOURCES AND DEFERRED INFLOWS OF RESOURCES RELATED TO OPEB

(For the Year Ended December 31, 2024)

For the year ended December 31, 2024, the District will recognize OPEB Expense/(Revenue) of \$(4,322,228).

On December 31, 2024, the District reported Deferred Outflows of Resources and Deferred Inflows of Resources related to OPEB from the following sources:

	Deferred Outflows of Resources	Deferred Inflows of Resources
Differences between Expected and Actual Experience	\$ 1,948,170	\$ 49,371,914
Changes of Assumptions	11,543,000	10,654,414
Net Difference Between Projected and Actual Earnings on OPEB Plan Investments	11,726,980	-
Employer Contributions Made Subsequent to the Measurement Date	TBD	-
Total	<u>TBD</u>	<u>\$ 60,026,328</u>

Amounts reported as Deferred Outflows of Resources and Deferred Inflows of Resources related to OPEB will be recognized in OPEB Expense as follows:

Year ended December 31:	
2025	\$ (8,393,149)
2026	\$ (4,901,653)
2027	\$ 3,106,434
2028	\$ (11,364,864)
2029	\$ (6,627,473)
Thereafter	\$ (6,627,473)

SECTION 3 – GASB 75 Disclosure Schedules

SCHEDULE OF CHANGES IN THE DISTRICT'S TOTAL OPEB LIABILITY AND RELATED RATIOS

Reporting Period Ending Measurement Date	12/31/2024 12/31/2023	12/31/2023 12/31/2022	12/31/2022 12/31/2021
Total OPEB Liability			
Service Cost	\$ 3,842,017	\$ 3,659,064	\$ 5,104,413
Interest	22,884,924	21,841,986	20,700,322
Changes of benefit terms	-	-	-
Differences between Expected and Actual Experience	(47,129,564)	-	(15,706,502)
Changes of assumptions	737,253	-	19,094,366
Benefit Payments	(8,523,983)	(10,719,095)	(9,663,890)
Net Change in Total OPEB Liability	(28,189,353)	14,781,955	19,528,709
Total OPEB Liability - Beginning	352,428,624	337,646,669	318,117,960
Total OPEB Liability - Ending (a)	<u>\$ 324,239,271</u>	<u>\$ 352,428,624</u>	<u>\$ 337,646,669</u>
Plan Fiduciary Net Position			
Employer Trust Contribution	\$ 5,000,000	\$ 5,000,000	\$ 5,000,000
Pay-as-you-go Contributions	8,523,983	10,719,095	9,663,890
Net Investment Income	43,437,554	(51,969,841)	35,999,320
Benefit Payments	(8,523,983)	(10,719,095)	(9,663,890)
Administrative Expense	(44,659)	(44,904)	(41,639)
Net Change in Plan Fiduciary Net Position	48,392,895	(47,014,745)	40,957,681
Plan Fiduciary Net Position - Beginning	264,148,401	311,163,146	270,205,465
Plan Fiduciary Net Position - Ending (b)	<u>\$ 312,541,296</u>	<u>\$ 264,148,401</u>	<u>\$ 311,163,146</u>
District's Net OPEB Liability - Ending (a) - (b)	<u>\$ 11,697,975</u>	<u>\$ 88,280,223</u>	<u>\$ 26,483,523</u>
Plan Fiduciary Net Position as a percentage of the Total OPEB Liability	96.39%	74.95%	92.16%
Covered Payroll	\$ 194,145,252	\$ 189,209,374	\$ 180,199,404
District's Net OPEB Liability as a percentage of Covered Payroll	6.03%	46.66%	14.70%

Notes to Schedule:

Discount Rate. The Single Discount Rate used to calculate the District's Net OPEB Liability has been 6.50% since implementation of GASB 75.

SECTION 3 – GASB 75 Disclosure Schedules

SCHEDULE OF DISTRICT CONTRIBUTIONS Last 10 Fiscal Years

	12/31/2023	12/31/2022	12/31/2021	12/31/2020	12/31/2019	12/31/2018	12/31/2017	12/31/2016	12/31/2015	12/31/2014
Actuarially Determined Contribution	5,682,928	9,824,938	6,298,571	8,640,607	9,585,874	11,506,823	11,506,823	12,471,893	12,471,893	13,211,937
Contributions in relation to the Actuarially Determined Contributions	13,523,983	15,719,095	14,663,890	16,229,934	17,700,092	17,570,679	18,430,657	19,916,860	18,316,713	33,716,523
Contribution Deficiency (Excess)	<u>\$ (7,841,055)</u>	<u>\$ (5,894,157)</u>	<u>\$ (8,365,319)</u>	<u>\$ (7,589,327)</u>	<u>\$ (8,114,218)</u>	<u>\$ (6,063,856)</u>	<u>\$ (6,923,834)</u>	<u>\$ (7,444,967)</u>	<u>\$ (5,844,820)</u>	<u>\$ (20,504,586)</u>
Covered Payroll	\$ 194,145,252	\$ 189,209,374	\$ 180,199,404	\$ 191,261,828	\$ 182,154,122	\$ 192,661,666	\$ 184,807,353	\$ 183,120,020	\$ 176,756,776	\$ 169,909,275
Contributions as a percentage of Covered Payroll	6.97%	8.31%	8.14%	8.49%	9.72%	9.12%	9.97%	10.88%	10.36%	19.84%

Notes to Schedule:

For the fiscal year ending December 31, 2023, the Contributions in relation to the Actuarially Determined Contributions is final and was provided by the District.

Actuarially Determined Contribution rates shown above are calculated as of December 31 for the plan/fiscal year in which contributions are reported.

Contributions in relation to the Actuarially Determined Contributions include Pay-As-You-Go Benefit amounts plus an additional cash contribution to the trust.

Methods and assumptions used to determine contribution rates are the same as those found in Section 7 of this report.

SECTION 4 – Expense Development and Amortization Schedules

SECTION 4 – EXPENSE DEVELOPMENT AND AMORTIZATION SCHEDULES

The following information is not required to be disclosed under GASB 75 but is provided for informational purposes.

SECTION 4 – Expense Development and Amortization Schedules

FINAL COMPONENTS OF OPEB EXPENSE

(For the Year Ended December 31, 2023)

	Net OPEB Liability	Deferred Inflows	Deferred Outflows	OPEB Expense
Beginning balance	\$ 26,483,523	\$ 70,605,858	\$ 40,919,930	\$ -
Employer Contributions made after December 31, 2022	-	-	13,523,983	-
Total OPEB Liability Factors:				
Service Cost	3,659,064	-	-	3,659,064
Interest	21,841,986	-	-	21,841,986
Changes in Benefit Terms	-	-	-	-
Differences Between Expected and Actual Experience with Regard to Economic or Demographic	-	-	-	-
Current Year Amortization of Experience Difference	-	(2,243,786)	(974,085)	(1,269,701)
Change in Assumptions About Future Economic or Demographic Factors or Other Inputs	-	-	-	-
Current Year Amortization of Change in Assumptions Benefit Payments	(10,719,095)	(5,327,207)	(2,727,767)	(2,599,440)
Net change	<u>\$ 14,781,955</u>	<u>\$ (7,570,993)</u>	<u>\$ 9,822,131</u>	<u>\$ 21,631,909</u>
Plan Fiduciary Net Position:				
Contributions - Employer Trust	\$ 5,000,000	\$ -	\$ (5,000,000)	\$ -
Contributions - Pay-As-You-Go	10,719,095	-	(10,719,095)	-
Projected Net Investment Income	20,386,645	-	-	(20,386,645)
Difference Between Projected and Actual Earnings on OPEB Plan Investments	(72,356,486)	-	72,356,486	-
Current Year Amortization	-	(12,516,445)	(19,409,190)	6,892,745
Benefit Payments	(10,719,095)	-	-	-
Administrative Expenses	(44,904)	-	-	44,904
Net change	<u>(47,014,745)</u>	<u>(12,516,445)</u>	<u>37,228,201</u>	<u>(13,448,996)</u>
Ending Balance	<u>\$ 88,280,223</u>	<u>\$ 50,518,420</u>	<u>\$ 87,970,262</u>	<u>\$ 8,182,913</u>

SECTION 4 – Expense Development and Amortization Schedules

PRELIMINARY COMPONENTS OF OPEB EXPENSE

(For the Year Ended December 31, 2024)

	Net OPEB Liability	Deferred Inflows	Deferred Outflows	OPEB Expense
Beginning balance	\$ 88,280,223	\$ 50,518,420	\$ 87,970,262	\$ -
Employer Contributions made after December 31, 2023	-	-	TBD	-
Total OPEB Liability Factors:				
Service Cost	3,842,017	-	-	3,842,017
Interest	22,884,924	-	-	22,884,924
Changes in Benefit Terms	-	-	-	-
Differences Between Expected and Actual Experience with Regard to Economic or Demographic	(47,129,564)	47,129,564	-	-
Current Year Amortization of Experience Difference	-	(8,976,580)	(974,085)	(8,002,495)
Change in Assumptions About Future Economic or Demographic Factors or Other Inputs	737,253	-	737,253	-
Current Year Amortization of Change in Assumptions	-	(5,327,207)	(2,833,088)	(2,494,119)
Benefit Payments	(8,523,983)	-	-	-
Net change	<u>\$ (28,189,353)</u>	<u>\$ 32,825,777</u>	<u>\$ (3,069,920)</u>	<u>\$ 16,230,327</u>
Plan Fiduciary Net Position:				
Contributions - Employer Trust	\$ 5,000,000	\$ -	\$ (5,000,000)	\$ -
Contributions - Pay-As-You-Go	8,523,983	-	(8,523,983)	-
Projected Net Investment Income	17,330,695	-	-	(17,330,695)
Difference Between Projected and Actual Earnings on OPEB Plan Investments	26,106,859	26,106,859	-	-
Current Year Amortization	-	(17,737,816)	(14,471,297)	(3,266,519)
Benefit Payments	(8,523,983)	-	-	-
Administrative Expenses	(44,659)	-	-	44,659
Net change	<u>48,392,895</u>	<u>8,369,043</u>	<u>(27,995,280)</u>	<u>(20,552,555)</u>
Ending Balance	<u>\$ 11,697,975</u>	<u>\$ 91,713,240</u>	<u>TBD</u>	<u>\$ (4,322,228)</u>

Notes to Schedule:

Employer Contributions made after December 31, 2023 but made on or before December 31, 2024 need to be added.

SECTION 4 – Expense Development and Amortization Schedules

AMORTIZATION SCHEDULE – DUE TO RECOGNITION OF THE EFFECTS OF ASSUMPTION CHANGES

Increase (Decrease) in OPEB Expense Arising from the Recognition of the Effects of Changes of Assumptions

Measurement Year	Assumption Changes	Recognition Period (Years)	2024	2025	2026	2027	2028	2029	2030	2031	2032
2017	\$ -	7	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -
2018	-	7	-	-	-	-	-	-	-	-	-
2019	(37,290,450)	7	(5,327,207)	(5,327,207)	(5,327,207)	-	-	-	-	-	-
2020	-	7	-	-	-	-	-	-	-	-	-
2021	19,094,366	7	2,727,767	2,727,767	2,727,767	2,727,767	2,727,767	-	-	-	-
2022	-	7	-	-	-	-	-	-	-	-	-
2023	737,253	7	105,321	105,322	105,322	105,322	105,322	105,322	105,322	-	-
Net Increase (Decrease) in OPEB Expense			\$ (2,494,119)	\$ (2,494,118)	\$ (2,494,118)	\$ 2,833,089	\$ 2,833,089	\$ 105,322	\$ 105,322	\$ -	\$ -

SECTION 4 – Expense Development and Amortization Schedules

AMORTIZATION SCHEDULE – DUE TO DIFFERENCES BETWEEN EXPECTED AND ACTUAL EXPERIENCE

Increase (Decrease) in OPEB Expense Arising from the Recognition of the Effects of Differences between Expected and Actual Experience

Measurement Year	Differences Between Expected and Actual Experience	Recognition Period (Years)	2024	2025	2026	2027	2028	2029	2030	2031	2032
2017	\$ -	7	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -
2018	-	7	-	-	-	-	-	-	-	-	-
2019	6,818,596	7	974,085	974,085	974,085	-	-	-	-	-	-
2020	-	7	-	-	-	-	-	-	-	-	-
2021	(15,706,502)	7	(2,243,786)	(2,243,786)	(2,243,786)	(2,243,786)	(2,243,786)	-	-	-	-
2022	-	7	-	-	-	-	-	-	-	-	-
2023	(47,129,564)	7	(6,732,794)	(6,732,795)	(6,732,795)	(6,732,795)	(6,732,795)	(6,732,795)	(6,732,795)	-	-
Net Increase (Decrease) in OPEB Expense			\$ (8,002,495)	\$ (8,002,496)	\$ (8,002,496)	\$ (8,976,581)	\$ (8,976,581)	\$ (6,732,795)	\$ (6,732,795)	\$ -	\$ -

SECTION 4 – Expense Development and Amortization Schedules

AMORTIZATION SCHEDULE – DUE TO DIFFERENCES BETWEEN PROJECTED AND ACTUAL EARNINGS ON OPEB PLAN INVESTMENTS

Increase (Decrease) in OPEB Expense Arising from the Recognition of the of Differences Between Projected and Actual Earnings on OPEB Plan Investments

Measurement Year	Differences Between Projected and Actual Earnings on OPEB Plan Investments	Recognition Period (Years)	2024	2025	2026	2027	2028	2029	2030	2031	2032
2017	\$ (14,516,060)	5	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -
2018	24,689,461	5	-	-	-	-	-	-	-	-	-
2019	(26,849,925)	5	(5,369,985)	-	-	-	-	-	-	-	-
2020	(17,457,479)	5	(3,491,496)	(3,491,496)	-	-	-	-	-	-	-
2021	(18,274,818)	5	(3,654,964)	(3,654,964)	(3,654,964)	-	-	-	-	-	-
2022	72,356,486	5	14,471,297	14,471,297	14,471,297	14,471,298	-	-	-	-	-
2023	(26,106,859)	5	(5,221,371)	(5,221,372)	(5,221,372)	(5,221,372)	(5,221,372)	-	-	-	-
Net Increase (Decrease) in OPEB Expense			\$ (3,266,519)	\$ 2,103,465	\$ 5,594,961	\$ 9,249,926	\$ (5,221,372)	\$ -	\$ -	\$ -	\$ -

SECTION 5 – Reconciliation of Unfunded Actuarial Accrued Liability

SECTION 5 – RECONCILIATION OF UNFUNDED ACTUARIAL ACCRUED LIABILITY

(1)	Unfunded Actuarial Accrued Liability as of December 31, 2022	\$	88,280,223
(2)	Expected Normal Cost as of December 31, 2022		3,659,064
(3)	Expected Administrative Expenses for Fiscal 2023		0
(4)	Interest on (1) and (2) and (3)		5,976,054
(5)	Actual Sponsor Contributions to the System during the period of December 31, 2022 through December 31, 2023		13,523,983
(6)	Interest on (5)		432,610
(7)	Expected Unfunded Accrued Liability as of December 31, 2023 (1)+(2)+(3)+(4)-(5)-(6)	\$	83,958,748
(8)	Unfunded Accrued Liability as of December 31, 2023		11,697,975
(9)	Change in UAAL due to Actuarial (Gain)/Loss, (8)-(7)	\$	(72,260,773)

Changes since the prior valuation and impact on Unfunded Actuarial Accrued Liability:

1.	Changes in Census Data	\$	(47,129,564)
2.	Change in Mortality		(204,713)
3.	Change in Retirement, Termination and Salary Increase Rates		5,897,420
4.	Changes in Health Care Costs and Premiums		(20,898,309)
5.	Change in Health Care Cost Trend Rates		16,664,898
6.	Change in Percent Assumed to Elect PPO Coverage		(722,043)
7.	Investment Return (greater)/lower than expected		(25,868,462)
	Total Change in UAAL	\$	(72,260,773)

1. The census data reflects changes in the census information for the twenty-four (24) month period since December 31, 2023.

2. & 3. Mortality, retirement, termination and salary scale increase rates were updated in conjunction with an experience study conducted in 2023.

4. Medicare premiums were lower than expected. Premiums were updated to those in effect for the 2024 calendar year.

5. Health care cost trend rates are based on the Getzen model. Costs are initially expected to increase at a rate of 8.5% in fiscal year 2024. The expected increase is lowered each year until an ultimate rate of 4% is reached in fiscal year 2075. Medicare premiums are assumed to increase by 3.5% annually.

6. 65% of retirees are assumed to elect PPO coverage based on current enrollment. Previously, 76% were assumed to elect PPO coverage.

SECTION 6 – Funding Progress—Solvency Test

SECTION 6 – FUNDING PROGRESS

Solvency Test

The funding progress exhibit below demonstrates the Trust’s solvency over time. In a short-term solvency test, assets available for benefits are compared to:

1. Member contributions on deposit;
2. The actuarial accrued liability for future benefits payable to persons who have retired or terminated; and
3. The actuarial accrued liability for future projected benefits payable to current active members.

Generally, if a system has been using level contribution rate financing, the portion fully funded in each category listed above will increase over time.

in \$000s

Valuation Date	Actuarial Accrued Liability				Valuation Assets	Portion of Accrued Liability Covered by Valuation Assets		
	Member Contributions	Terminated, Retirees, and Beneficiaries	Active Members	Total		Member Contributions	Terminated, Retirees, and Beneficiaries	Active Members
12/31/2023	0	279,618	44,621	324,239	312,541	100%	100%	74%
12/31/2022	0	302,525	49,904	352,429	264,148	100%	87%	0%
12/31/2021	0	294,447	43,200	337,647	311,163	100%	100%	39%
12/31/2020	0	250,926	67,192	318,118	270,205	100%	100%	29%
12/31/2019	0	246,494	58,229	304,723	232,515	100%	94%	0%
12/31/2018	0	243,477	78,026	321,503	188,317	100%	77%	0%
12/31/2017	0	240,800	67,947	308,747	195,200	100%	81%	0%

10-Year Funding Schedule

in \$000s

Valuation Date	Actuarial Accrued Liability	Fair Value of Assets	Unfunded Actuarial Accrued Liability (UAAL)	Funded Status	Covered Payroll	UAAL as a % of Covered Payroll
12/31/2023	324,239	312,541	11,698	96.4%	194,145	6.0%
12/31/2022	352,429	264,148	88,280	75.0%	189,209	46.7%
12/31/2021	337,647	311,163	26,484	92.2%	180,199	14.7%
12/31/2020	318,118	270,205	47,912	84.9%	191,262	25.1%
12/31/2019	304,723	232,515	72,208	76.3%	182,154	39.6%
12/31/2018	321,503	188,317	133,186	58.6%	192,662	69.1%
12/31/2017	308,747	195,200	113,547	63.2%	184,807	61.4%
12/31/2016	298,858	164,844	134,014	55.2%	183,120	73.2%
12/31/2015	286,646	149,329	137,317	52.1%	176,757	77.7%
12/31/2014	269,970	146,375	123,596	54.2%	169,909	72.7%

SECTION 7 – Per Capita Claims Costs and Contribution Amounts

SECTION 7 – PER CAPITA CLAIMS COSTS AND CONTRIBUTION AMOUNTS

2024 Per Capita Annual Claims Costs Per Participant

Age	PPO Plans				HMO Plans			
	Enrolled in Medicare		Not Enrolled in Medicare		Enrolled in Medicare		Not Enrolled in Medicare	
	Male	Female	Male	Female	Male	Female	Male	Female
40-44	\$8,291	\$12,490	\$8,291	\$12,490	\$5,996	\$9,326	\$5,996	\$9,326
45-49	10,468	13,756	10,468	13,756	7,615	10,243	7,615	10,243
50-54	13,785	16,128	13,785	16,128	10,012	12,050	10,012	12,050
55-59	17,925	18,670	17,925	18,670	13,284	13,930	13,284	13,930
60-64	22,990	22,128	22,990	22,128	17,405	16,581	17,405	16,581
65-69	-	-	28,934	27,322	-	-	22,521	20,491
70-74	-	-	35,385	33,923	-	-	28,637	25,482
75+	-	-	39,472	38,775	-	-	32,864	29,154

2024 Annual Premium Amounts Per Participant (Retiree Portion) ¹

	PPO Plans				HMO Plans			
	Enrolled in Medicare		Not Enrolled in Medicare		Enrolled in Medicare		Not Enrolled in Medicare	
Retiree								
Pre-65	\$	8,467	\$	8,467	\$	6,308	\$	6,308
Post-65		870		8,467		870		6,308
Spouse								
Pre-65	\$	8,467	\$	8,467	\$	5,501	\$	5,501
Post-65		870		8,467		870		5,501

¹ The contributions shown above reflect the increase in the retiree contribution percentage from 2011 (at 25%) to 2023 (50.0%) at 2.5% per year.

SECTION 8 – Member Statistics

SECTION 8 – MEMBER STATISTICS

STATISTICAL DATA

	<u>12/31/2023</u>	<u>12/31/2021</u>
Number of Active Participants		
Eligible for Retiree Health Benefits	446	458
Not Yet Eligible for Retiree Health benefits	<u>1,313</u>	<u>1,269</u>
Total	1,759	1,727
Average Current Age	49.6	49.7
Average Age at Employment	37.4	37.0
Average Past Service	12.2	12.7
Covered Payroll at the Valuation Date	\$ 194,145,252	\$ 180,199,404
Average Salary	110,373	104,342
Number of Inactives Receiving Benefits		
Retirees and Disabled Members	1,512	1,552
Surviving Spouses	401	407
Dependent Spouses	<u>876</u>	<u>924</u>
Total	2,789	2,883
Average Current Age of Retirees, Beneficiaries and Disabled Member:	75.1	74.4
Average Current Age of Dependent Spouses	70.5	69.6
Average Current Age of All Inactives in Receipt	73.6	72.8
Number of Terminated Vested	40	31
Average Age of Terminated Vested	51.7	51.4

SECTION 8 – Member Statistics

ACTIVE AGE AND SERVICE DISTRIBUTION

AGE	TOTAL PAST SERVICE										Total
	0	1-4	5-9	10-14	15-19	20-24	25-29	30-34	35-39	40+	
<25	6	4	0	0	0	0	0	0	0	0	10
25 - 29	18	40	7	0	0	0	0	0	0	0	65
30 - 34	22	56	36	7	1	0	0	0	0	0	122
35 - 39	19	46	65	24	10	0	0	0	0	0	164
40 - 44	17	43	73	39	54	11	0	0	0	0	237
45 - 49	14	45	67	28	66	31	11	0	0	0	262
50 - 54	12	35	52	31	53	50	45	7	0	0	285
55 - 59	8	31	49	40	44	52	36	14	1	0	275
60 - 64	6	20	43	21	50	40	20	16	4	0	220
65+	5	6	26	11	22	26	13	6	2	2	119
Total	127	326	418	201	300	210	125	43	7	2	1,759

SECTION 8 – Member Statistics

SCHEDULE OF RETIREES AND BENEFICIARIES ADDED TO/FROM ROLLS

Fiscal Year	Beginning of Year Balance	Number Added to Rolls	Number Removed from Rolls	End of Year Balance	Health Care Annual Benefit Amounts	Average Annual Benefit	% Change in Average Benefit
2007	1,850	150	127	1,873	\$12,333,865	\$6,585	-
2009	1,873	183	156	1,900	\$14,591,543	\$7,680	16.6%
2011	1,900	221	144	1,977	\$15,020,374	\$7,598	-1.1%
2013	1,977	118	131	1,964	\$13,834,831	\$7,044	-7.3%
2015 ¹	1,964	217	178	2,003	\$13,316,713	\$6,648	-5.6%
2017	2,003	172	191	1,984	\$13,430,657	\$6,769	1.8%
2019	1,984	177	146	2,015	\$12,700,092	\$6,303	-6.9%
2021	2,015	180	205	1,990	\$9,663,890	\$4,856	-23.0%
2023	1,990	129	166	1,953	\$8,523,983	\$4,365	-10.1%

BREAKDOWN OF BENEFIT PLAN ENROLLMENT

(RETIREES, BENEFICIARIES, COVERED SPOUSES AND TERMINATED VESTED)

<u>Enrollee Group</u>	<u>PPO</u>	<u>HMO</u>	<u>Total</u>
Benefit Recipient	342	1,611	1,953
Spouse	<u>180</u>	<u>696</u>	<u>876</u>
Grand Total	522	2,307	2,829

¹ Prior rolls adjusted to include vested terminated members excluded in the previous valuation.

SECTION 9 – Actuarial Assumptions and Funding Methods

SECTION 9 – ACTUARIAL ASSUMPTIONS AND FUNDING METHODS

ACTUARIAL ASSUMPTIONS

<u>Valuation Date</u>	December 31, 2023.
<u>GASB 75 Measurement Date</u>	December 31, 2023.
<u>GASB 75 Fiscal Year End</u>	December 31, 2024.
<u>Mortality Rate</u>	<p><i>Active Lives:</i> PubG.-2010 (amount-weighted) Employee mortality, unadjusted, projected to 2023 with MP-2021.</p> <p><i>Inactive Lives:</i> PubG-2010 (amount-weighted) Healthy Retiree mortality, adjusted by a factor of 1.067 for male retirees and 1.061 for female retirees, projected to 2023 with MP-2021.</p> <p><i>Beneficiaries:</i> PubG-2010 (amount-weighted) Survivor mortality, adjusted by a factor of 0.973 for male beneficiaries and adjusted by a factor of 1.075 for female beneficiaries, projected to 2023 with MP-2021.</p> <p><i>Disabled Lives:</i> PubS-2010 Disabled mortality, unadjusted with no mortality improvements.</p> <p>The mortality assumptions sufficiently accommodate anticipated future mortality improvements.</p>
<u>End of Year Discount Rate</u>	6.50% per year, based on investment rate of return, compounded annually, net of investment related expenses.
<u>Beginning of Year Discount Rate</u>	6.50% per year, based on investment rate of return, compounded annually, net of investment related expenses.

SECTION 9 – Actuarial Assumptions and Funding Methods

Retirement Rates

See table below:

Age	Retirement Rate
50-56	10%
57-59	11%
60	16%
61	13%
62	17%
63-64	10%
65-67	20%
68-69	25%
70-71	20%
72	33%
73	20%
74	40%
75+	100%

Retirement – Vested Participant

Assumed to retire at first eligibility for commencement of pension benefits.

Termination Rates

Service	Male Rate	Female Rate
0	6.00%	8.00%
1	4.00%	7.00%
2	2.50%	6.00%
3	2.25%	4.70%
4	2.00%	3.40%
5	1.90%	3.00%
6	1.80%	2.90%
7	1.75%	2.80%
8	1.65%	2.70%
9	1.60%	2.60%
10	1.55%	2.50%
11	1.45%	2.40%
12	1.35%	2.30%
13	1.25%	2.20%
14	1.10%	2.10%
15	1.05%	2.00%
16-23	1.00%	2.00%
24+	0.50%	2.00%

Disability Rates

None assumed.

SECTION 9 – Actuarial Assumptions and Funding Methods

Salary Increase

Salary Increase	
Service	Rate
0	7.50%
1	6.00%
2	5.75%
3	5.00%
4	4.50%
5	5.00%
6	4.50%
7	4.00%
8	4.50%
9	5.00%
10-14	3.50%
15	5.00%
16-18	3.50%
19	5.00%
20+	3.50%

Payroll Growth

3.00% per year.

Inflation

2.80% per year.

Administrative Expenses

No additional expenses added to Normal Cost.

Marital Status

100% assumed married, with male spouses 3 years older than female spouses.

Health Care Participation

80% participation assumed, with 76% electing spouse coverage.

Future retirees are assumed to elect medical plans in proportion with the 2023 pre-Medicare elections for current enrollees. Future retirees enrollments are assumed to be 35% in HMO and 65% in PPO.

Medicare Participation

100% of members are assumed to enroll in Medicare if eligible and hired on or after April 1, 1986. It is assumed that 93% of members will enroll in Medicare if hired before April 1, 1986.

SECTION 9 – Actuarial Assumptions and Funding Methods

Health Care Inflation

Initial rate of 8.50% in fiscal 2024 and 2025, grading down to the ultimate trend rate of 4.00% in fiscal 2075.

Fiscal Year	Rate
2024	8.50%
2025	8.50%
2026	7.90%
2027	7.35%
2028	6.75%
2029	6.20%
2030	5.60%
2031-2052	5.25%
2053-2060	5.00%
2061-2067	4.75%
2068-2071	4.50%
2072-2074	4.25%
2075+	4.00%

The above rates reflect recent healthcare trend rate surveys, blended with the long-term rates from the Getzen model published by the Society of Actuaries.

Medicare Advantage Cost Increases

3.50% per year

Medical Aging (Morbidity) Factors

Developed based on a study performed by Dale Yamamoto for the Society of Actuaries. Used to measure the annual increases in per capita claim costs for each age and relative cost by gender. See the SOA report titled “Health Care Costs – From Birth to Death” for more details.

Health Claims

(Medicare and Non-Medicare)

Developed using a 50/50 blend of i) the 2023 medical and prescription claims and enrollment experience; and ii) 2024 age-adjusted premium rates.

Funding Method

Entry Age Cost Method (level percentage of pay).

SECTION 9 – Actuarial Assumptions and Funding Methods

DISCUSSION OF CENSUS DATA AND ASSUMPTIONS

1. Census Data – We received December 31, 2023 census data from District personnel. The data was substantially similar to data used in the previous year’s valuation. No material modifications were made to the data.
2. Medical/Rx Cost and Enrollment Data – District personnel provided claims and enrollment experience for medical and prescription plan cost information for calendar year 2021.
3. Actuarial Assumptions and Methods –
 - a. Demographic Assumptions
 - i. Mortality rates are those used in the corresponding pension valuation developed during a 2023 Experience Study. Mortality rates are deemed reasonable and reflect mortality improvements. They are a best estimate given limited plan experience. We will continue to monitor the impact of mortality.
 - ii. Retirement rates, termination and disability rates are deemed reasonable and will continue to be monitored to ensure they capture plan experience.
 - iii. The participation rate remains 80%. The spousal coverage election percentage is the same as in the previous valuation. Rates are deemed reasonable and will continue to be monitored.
 - iv. Assumed enrollment was updated to reflect actual retiree enrollment as of December 31, 2023. 65% of future retirees are assumed to elect PPO coverage. The remaining 35% are assumed to elect HMO coverage.
 - b. Other Assumptions
 - i. Health care inflation rates were updated to reflect recent healthcare trend rate surveys, blended with the long-term rates from the Getzen model published by the Society of Actuaries.
 - ii. The interest rate (i.e. investment return) remains at 6.50% at the request of the District and Board personnel. This rate is supported by the Crossover Test as shown in the Appendix.
 - c. Funding Method – The valuation results were calculated using the Entry Age cost method (level percentage of pay). This method is required under GASB 74/75.

SECTION 10 – Summary of Plan Provisions

SECTION 10 – SUMMARY OF PLAN PROVISIONS

Credited Service

Total completed years of employment with the District.

Eligibility for Insurance Coverage

At least 10 years of service with the District. Coverage does not commence until the member starts receiving payments from the District's Retirement Fund. Earliest eligibility is based on the member's hire date as follows:

Hired on or before June 13, 1997: Age 50

Hired after June 13, 1997 and before January 1, 2011: Age 55

Hired on or after January 1, 2011: Age 62

Health Care Insurance

Retirees who meet the age and service requirements above are eligible for medical and prescription drug benefits payable for life.

Health Contributions

Retiree

Retirees pay a portion of the premium each year based on the i) adjusted premium developed based on actual claims experience and ii) the contribution rate policy established by the Board of Commissioners. The policy calls for a 2.5% increase in the contribution rate on January 1st or each year until the contribution rate reaches 50%, projected to be in 2021. The contribution rate for 2021 is 50%.

District

Remaining amount necessary for payment of claims.

APPENDIX 1– GASB 74 Disclosure for Plan Year 2023

APPENDIX 1 – GASB 74 DISCLOSURES FOR PLAN YEAR 2023

STATEMENT OF FIDUCIARY NET POSITION

(For the Year Ended December 31, 2023)

<u>ASSETS</u>	FAIR VALUE
Cash and Short-Term Investments	-
Receivables:	
Accrued Interest	166,427
Total Receivables	166,427
Investments:	
Fixed Income Mutual Funds	100,437,068
Equity Mutual Funds	203,306,792
Balanced Mutual Funds	-
Money Market Funds	8,648,009
Total Investments	312,391,869
Total Assets	312,558,296
<u>LIABILITIES</u>	
Payables:	
Deposit Payable	17,000
Total Liabilities	17,000
NET POSITION RESTRICTED FOR POSTEMPLOYMENT BENEFITS OTHER THAN PENSIONS	312,541,296

APPENDIX 1– GASB 74 Disclosure for Plan Year 2023

STATEMENT OF CHANGES IN FIDUCIARY NET POSITION

(For the Year Ended December 31, 2023)

ADDITIONS

Contributions:

Employer Contributions 13,523,983

Total Contributions 13,523,983

Investment Income:

Net Appreciation (Depreciation) in Fair Value of Investment 35,853,840

Interest & Dividends 7,651,714

Less Investment Expense (68,000)

Net Investment Income 43,437,554

Total Additions 56,961,537

DEDUCTIONS

Distributions to Members:

Retiree Health Care Benefits 8,523,983

Total Distributions 8,523,983

Administrative Expense 44,659

Total Deductions 8,568,642

Net Increase in Net Position 48,392,895

NET POSITION RESTRICTED FOR POSTEMPLOYMENT BENEFITS OTHER THAN PENSIONS

Beginning of the Year 264,148,401

End of the Year 312,541,296

APPENDIX 1– GASB 74 Disclosure for Plan Year 2023

NOTES TO THE FINANCIAL STATEMENTS (For the Year Ended December 31, 2023)

GENERAL INFORMATION ABOUT THE OPEB PLAN

Plan Description:

The Metropolitan Water Reclamation District of Chicago Retiree Health Care Benefit Plan (Plan) is a single employer defined benefit postemployment health care plan that covers eligible retired employees of the District. The Plan, which is administered by the District, allows employees who retire and meet retirement eligibility requirements under the District’s retirement plan to continue health coverage as a participant in the District’s plan.

Employees Covered by Benefit Terms. At December 31, 2023, the following employees were covered by the benefit terms:

Inactive Plan Members Currently Receiving Benefits	1,512
Beneficiaries of Deceased Plan Members Currently Receiving Benefits	401
Inactive Plan Members Entitled to But Not Yet Receiving Benefits	40
Active Plan Members	<u>1,759</u>
	<u>3,712</u>

Benefits Provided:

The benefits provided are the same as those provided for active employees. Spouses and dependents of eligible retirees are also eligible for medical coverage in accordance with the plan. All full-time employees of the District with at least ten actual years of service are eligible to receive postemployment benefits. Coverage for retirees and their eligible spouse is provided for life. Coverage for dependent children is provided in accordance with the eligibility provisions of the District-sponsored health plan. The Trust was established to advance fund benefits provided under the Plan.

Eligibility for Insurance Coverage:

Employees must have at least ten actual years of service with the District, and coverage does not commence until the member starts receiving payments from the District’s Retirement Fund. District Commissioners must have at least six years of service as a Commissioner of the District. Eligibility is based on the employee’s hire date as follows: age 50 for those hired on or before June 13, 1997, age 55 for those hired between June 13, 1997 and January 1, 2011 and age 62 for those hired on or after January 1, 2011.

Health Care Insurance:

Retirees who meet the age and service requirements above are eligible for medical and prescription drug benefits payable for life.

APPENDIX 1– GASB 74 Disclosure for Plan Year 2023

Contributions:

The Metropolitan Water Reclamation District’s Retiree Health Care Plan (Plan) is a single employer defined benefit postemployment health care plan that covers eligible retired employees of the District. The Plan, which is administered by the District, allows employees who retire and meet certain eligibility requirements to continue medical and prescription drug coverage as a participant in the District’s plan. Spouses and dependents of eligible retirees are also eligible for medical and prescription drug coverage in accordance with the plan. All full-time employees of the District who meet the age and service requirements are eligible to receive postemployment health care benefits. Lifetime coverage for retirees and their eligible spouses is provided. Coverage for dependent children is also provided in accordance with the eligibility provisions of the District-sponsored health plan. The Trust was established to advance fund benefits provided under the Plan.

Under the terms of the Plan, the Retired plan members and beneficiaries currently receiving benefits are required to contribute specified amounts monthly toward the cost of health insurance premiums.

The retiree contribution rates are set based on prior year claims incurred and become effective January 1st each year. The retiree contribution rate utilized is based on the contribution rate policy established by the Board of Commissioners. The retiree contribution rate for 2023 and after is 50.0%.

In future years, contributions are assumed to increase at the same rate as claims expenditures.

Investment Policy:

The following was the Board’s adopted asset allocation policy as of December 31, 2022.

<u>Asset Class</u>	<u>Target Allocation</u>
Broad Fixed Income	20.0%
Core Plus Fixed Income	15.0%
Large Cap Core Equity	17.5%
Large Cap Growth Equity	7.5%
Mid Cap Core Equity	7.5%
Small Cap Value Equity	5.0%
Small Cap Core Equity	7.5%
Global Low Volatility	5.0%
Non US Large Cap Core Equity	15.0%
Total	<u>100%</u>

No such rates were provided as of December 31, 2023.

APPENDIX 1– GASB 74 Disclosure for Plan Year 2023

Concentrations:

The Plan did not hold investments in any one organization that represent 5 percent or more of the Fund's Fiduciary Net Position.

Rate of Return:

For the year ended December 31, 2023 the annual money-weighted rate of return on investments, net of investment expense, was 16.19 percent. The money-weighted rate of return expresses investment performance, net of investment expense, adjusted for the changing amounts invested.

Receivables:

If the OPEB plan reported receivables from long-term contracts with the District for contributions, the OPEB plan should disclose information required by paragraph 34c of this Statement.

Allocated Insurance Contracts:

If the OPEB plan had allocated insurance contracts that are excluded from OPEB plan assets, the OPEB plan should disclose information required by paragraph 34d of this Statement.

APPENDIX 1– GASB 74 Disclosure for Plan Year 2023

NET OPEB LIABILITY OF THE DISTRICT

The measurement date for GASB 74 reporting is December 31, 2023.

The reporting period is January 1, 2023 through December 31, 2023.

The District's Net OPEB Liability was measured as of December 31, 2023.

The Total OPEB Liability used to calculate the Net OPEB Liability was determined as of that date.

The components of the Net OPEB Liability of the District on December 31, 2023 were as follows:

Total OPEB Liability	\$	324,239,271
Plan Fiduciary Net Position		312,541,296
District's Net OPEB Liability	<u>\$</u>	<u>11,697,975</u>
Plan Fiduciary Net Position as a percentage of the Total OPEB Liability		96.39%

Actuarial Assumptions:

The Total OPEB Liability was determined by an actuarial valuation as of December 31, 2023 using the following actuarial assumptions:

Inflation Rate	2.80%
Salary Increase Rate(s)	Varies by Service
Discount Rate	6.50%
Initial Trend Rate	8.50%
Ultimate Trend Rate	4.00%
Years to Ultimate	51
Investment Rate of Return	6.50%

Mortality Rate

Active Lives:

PubG.-2010 (amount-weighted) Employee mortality, unadjusted, projected to 2023 with MP-2021.

Inactive Lives:

PubG-2010 (amount-weighted) Healthy Retiree mortality, adjusted by a factor of 1.067 for male retirees and 1.061 for female retirees, projected to 2023 with MP-2021.

APPENDIX 1– GASB 74 Disclosure for Plan Year 2023

Beneficiaries:

PubG-2010 (amount-weighted) Survivor mortality, adjusted by a factor of 0.973 for male beneficiaries and adjusted by a factor of 1.075 for female beneficiaries, projected to 2023 with MP-2021.

Disabled Lives:

PubS-2010 Disabled mortality, unadjusted with no mortality improvements.

The Long-Term Expected Rate of Return:

The Long-Term Expected Rate of Return on OPEB Plan investments is determined using a building-block method in which best-estimate rates of expected future real rates of return (expected returns, net of investment expenses and inflation) are developed for each major asset class. These ranges are combined to produce the Long-Term Expected Rate of Return by weighting the expected future real rates of return by the target asset allocation percentage and by adding expected inflation. Best estimates of arithmetic real rates of return for each major asset class included in the target asset allocation as of December 31, 2022 are summarized in the following table:

<u>Asset Class</u>	<u>Target Allocation</u>	<u>Long Term Expected Real Rate of Return</u>
Broad Fixed Income	20.0%	4.90%
Core Plus Fixed Income	15.0%	5.80%
Large Cap Core Equity	17.5%	6.80%
Large Cap Growth Equity	7.5%	6.80%
Mid Cap Core Equity	7.5%	7.30%
Small Cap Value Equity	5.0%	7.70%
Small Cap Core Equity	7.5%	7.90%
Global Low Volatility	5.0%	6.80%
Non US Large Cap Core Equity	15.0%	7.50%
Total	<u>100%</u>	

No such rates were provided as of December 31, 2023.

The Long-Term Expected Rate of Return calculated using the method described above exceeds 6.50% (assuming 2.80% inflation).

Discount Rate:

The projection of cash flows used to determine the Discount Rate assumed that current Plan Member and District contributions will be made at the current contribution rate (i.e. funding policy). The expected rate of return on trust investments is 6.50%. It is our understanding that the District has adopted a funding policy as of October 2, 2014 with the intention of fully funding the plan by 2026 and maintaining 100% funding thereafter. The District has shown that they are following the funding policy completely and will continue to do so. Therefore, the expected return on investments was used to discount projected benefit payments for all future benefit payments, and the single equivalent rate was 6.50%.

APPENDIX 1– GASB 74 Disclosure for Plan Year 2023

Sensitivity of the Net OPEB Liability to changes in the Discount Rate as of December 31, 2023:

The following presents the Net OPEB Liability of the District, as well as what the District’s Net OPEB Liability would be if it were calculated using a discount rate that is one percentage-point lower or one percentage-point higher than the current discount rate:

	1% Decrease 5.50%	Current Discount Rate 6.50%	1% Increase 7.50%
Net OPEB Liability (asset)	\$ 55,218,234	\$ 11,697,975	\$ (24,264,778)

Sensitivity of the Net OPEB Liability to changes in the Healthcare Cost Trend Rates as of December 31, 2023:

The following presents the Net OPEB Liability of the District, as well as what the District’s Net OPEB Liability would be if it were calculated using healthcare cost trend rates that are one percentage-point lower or one percentage-point higher than the current healthcare cost trend rates:

	1% Decrease 3.00% - 7.50%	Healthcare Cost Trend Rates 4.00% - 8.50%	1% Increase 5.00% - 9.50%
Net OPEB Liability (asset)	\$ (27,155,683)	\$ 11,697,975	\$ 58,343,296

OPEB Plan Fiduciary Net Position:

Detailed information about the OPEB Plan's Fiduciary Net Position is available in a separately issued Plan financial report.

APPENDIX 1– GASB 74 Disclosure for Plan Year 2023

SCHEDULE OF CHANGES IN THE DISTRICT'S NET OPEB LIABILITY AND RELATED RATIOS

Reporting Period Ending	<u>12/31/2023</u>	<u>12/31/2022</u>	<u>12/31/2021</u>
Total OPEB Liability			
Service Cost	\$ 3,842,017	\$ 3,659,064	\$ 5,104,413
Interest	22,884,924	21,841,986	20,700,322
Changes of benefit terms	-	-	-
Differences between Expected and Actual Experience	(47,129,564)	-	(15,706,502)
Changes of assumptions	737,253	-	19,094,366
Benefit Payments	<u>(8,523,983)</u>	<u>(10,719,095)</u>	<u>(9,663,890)</u>
Net Change in Total OPEB Liability	(28,189,353)	14,781,955	19,528,709
Total OPEB Liability - Beginning	<u>352,428,624</u>	<u>337,646,669</u>	<u>318,117,960</u>
Total OPEB Liability - Ending (a)	<u><u>\$ 324,239,271</u></u>	<u><u>\$ 352,428,624</u></u>	<u><u>\$ 337,646,669</u></u>
Plan Fiduciary Net Position			
Employer Trust Contribution	\$ 5,000,000	\$ 5,000,000	\$ 5,000,000
Pay-as-you-go Contributions	8,523,983	10,719,095	9,663,890
Net Investment Income	43,437,554	(51,969,841)	35,999,320
Benefit Payments	(8,523,983)	(10,719,095)	(9,663,890)
Administrative Expense	<u>(44,659)</u>	<u>(44,904)</u>	<u>(41,639)</u>
Net Change in Plan Fiduciary Net Position	48,392,895	(47,014,745)	40,957,681
Plan Fiduciary Net Position - Beginning	<u>264,148,401</u>	<u>311,163,146</u>	<u>270,205,465</u>
Plan Fiduciary Net Position - Ending (b)	<u><u>\$ 312,541,296</u></u>	<u><u>\$ 264,148,401</u></u>	<u><u>\$ 311,163,146</u></u>
District's Net OPEB Liability - Ending (a) - (b)	<u><u>\$ 11,697,975</u></u>	<u><u>\$ 88,280,223</u></u>	<u><u>\$ 26,483,523</u></u>
Plan Fiduciary Net Position as a percentage of the Total OPEB Liability	96.39%	74.95%	92.16%
Covered Payroll	\$ 194,145,252	\$ 189,209,374	\$ 180,199,404
District's Net OPEB Liability as a percentage of Covered Payroll	6.03%	46.66%	14.70%

Notes to Schedule:

Discount Rate. The Single Discount Rate used to calculate the District's Net OPEB Liability has been 6.50% since implementation of GASB 75.

APPENDIX 1 – GASB 74 Disclosures for Plan Year 2023

SCHEDULE OF DISTRICT CONTRIBUTIONS Last 10 Fiscal Years

	12/31/2023	12/31/2022	12/31/2021	12/31/2020	12/31/2019	12/31/2018	12/31/2017	12/31/2016	12/31/2015	12/31/2014
Actuarially Determined Contribution	5,682,928	9,824,938	6,298,571	8,640,607	9,585,874	11,506,823	11,506,823	12,471,893	12,471,893	13,211,937
Contributions in relation to the Actuarially Determined Contributions	13,523,983	15,719,095	14,663,890	16,229,934	17,700,092	17,570,679	18,430,657	19,916,860	18,316,713	33,716,523
Contribution Deficiency (Excess)	<u>\$ (7,841,055)</u>	<u>\$ (5,894,157)</u>	<u>\$ (8,365,319)</u>	<u>\$ (7,589,327)</u>	<u>\$ (8,114,218)</u>	<u>\$ (6,063,856)</u>	<u>\$ (6,923,834)</u>	<u>\$ (7,444,967)</u>	<u>\$ (5,844,820)</u>	<u>\$ (20,504,586)</u>
Covered Payroll	\$ 194,145,252	\$ 189,209,374	\$ 180,199,404	\$ 191,261,828	\$ 182,154,122	\$ 192,661,666	\$ 184,807,353	\$ 183,120,020	\$ 176,756,776	\$ 169,909,275
Contributions as a percentage of Covered Payroll	6.97%	8.31%	8.14%	8.49%	9.72%	9.12%	9.97%	10.88%	10.36%	19.84%

Notes to Schedule:

For the fiscal year ending December 31, 2023, the Contributions in relation to the Actuarially Determined Contributions is final and was provided by the District.

Actuarially Determined Contribution rates shown above are calculated as of December 31 for the plan/fiscal year in which contributions are reported.

Contributions in relation to the Actuarially Determined Contributions include Pay-As-You-Go Benefit amounts plus an additional cash contribution to the trust.

Methods and assumptions used to determine contribution rates are the same as those found in Section 9 of this report.

APPENDIX 2 – GASB 74 & 75 Crossover Test

APPENDIX 2 – GASB 74 & 75 CROSSOVER TEST

Metropolitan Water Reclamation District of Chicago Post Retirement Health Care Plan - GASB Statement 74&75 Crossover Projection

50 Year Projection of the Health Care Plan's Fiduciary Net Position
Based on the December 31, 2023 Measurement Date. 6.50% Asset Return

Fiscal Year	Projected Beginning Fiduciary Net Position	Projected Total Contributions	Projected Benefit Payments	Projected Administrative Expense	Projected Investment Earnings	Projected Ending Fiduciary Net Position
2024	312,541,296	16,547,841	11,547,841	46,027	20,476,188	337,971,458
2025	337,971,458	17,705,760	12,705,760	45,033	22,129,181	365,055,606
2026	365,055,606	19,156,085	14,156,085	45,162	23,889,647	393,900,090
2027	393,900,090	20,530,363	15,530,363	45,290	25,764,534	424,619,335
2028	424,619,335	0	16,968,738	45,396	27,047,297	434,652,498
2029	434,652,498	0	18,478,868	45,523	27,650,370	443,778,477
2030	443,778,477	0	20,266,597	45,628	28,185,454	451,651,706
2031	451,651,706	0	21,757,925	45,675	28,648,744	458,496,850
2032	458,496,850	0	23,370,354	45,708	29,041,273	464,122,061
2033	464,122,061	0	25,033,607	45,689	29,352,857	468,395,622
2034	468,395,622	0	26,196,160	45,654	29,592,856	471,746,664
2035	471,746,664	0	27,871,652	45,614	29,756,222	473,585,620
2036	473,585,620	0	29,366,439	45,504	29,827,177	474,000,855
2037	474,000,855	0	30,590,887	45,319	29,814,379	473,179,028
2038	473,179,028	0	31,897,577	45,055	29,718,501	470,954,896
2039	470,954,896	0	32,708,737	44,764	29,547,579	467,748,975
2040	467,748,975	0	33,867,579	44,401	29,301,544	463,138,538
2041	463,138,538	0	34,711,247	43,978	28,974,460	457,357,774
2042	457,357,774	0	35,196,632	43,505	28,582,951	450,700,588
2043	450,700,588	0	35,930,135	42,996	28,126,411	442,853,868
2044	442,853,868	0	35,900,712	42,419	27,617,350	434,528,086
2045	434,528,086	0	35,889,824	41,803	27,076,548	425,673,007
2046	425,673,007	0	35,674,931	41,130	26,507,973	416,464,920
2047	416,464,920	0	35,136,170	40,448	25,926,980	407,215,282
2048	407,215,282	0	34,395,090	39,707	25,349,862	398,130,347
2049	398,130,347	0	33,437,471	38,903	24,790,490	389,444,464
2050	389,444,464	0	32,510,627	38,071	24,256,057	381,151,823
2051	381,151,823	0	31,027,975	37,250	23,765,249	373,851,846
2052	373,851,846	0	29,774,621	36,345	23,331,514	367,372,394
2053	367,372,394	0	28,491,011	35,431	22,952,096	361,798,048
2054	361,798,048	0	26,953,630	34,469	22,639,760	357,449,709
2055	357,449,709	0	25,089,217	33,500	22,417,743	354,744,735
2056	354,744,735	0	22,952,322	32,504	22,311,401	354,071,309
2057	354,071,309	0	21,106,573	31,504	22,327,648	355,260,880
2058	355,260,880	0	19,224,308	30,456	22,466,177	358,472,294
2059	358,472,294	0	17,534,526	29,406	22,729,871	363,638,233
2060	363,638,233	0	15,634,857	28,379	23,127,430	371,102,427

APPENDIX 2 – GASB 74 & 75 Crossover Test

Fiscal Year	Projected Beginning Fiduciary Net Position	Projected Total Contributions	Projected Benefit Payments	Projected Administrative Expense	Projected Investment Earnings	Projected Ending Fiduciary Net Position
2061	371,102,427	0	14,044,264	27,307	23,664,332	380,695,188
2062	380,695,188	0	12,359,353	26,214	24,342,656	392,652,278
2063	392,652,278	0	10,487,907	25,126	25,180,724	407,319,969
2064	407,319,969	0	9,156,134	24,046	26,177,442	424,317,232
2065	424,317,232	0	7,675,367	22,950	27,330,425	443,949,340
2066	443,949,340	0	6,534,504	21,867	28,643,625	466,036,594
2067	466,036,594	0	5,560,820	20,772	30,110,977	490,565,978
2068	490,565,978	0	4,785,486	19,638	31,730,622	517,491,476
2069	517,491,476	0	4,140,309	18,524	33,501,784	546,834,428
2070	546,834,428	0	3,637,420	17,432	35,425,455	578,605,030
2071	578,605,030	0	3,242,615	16,369	37,503,410	612,849,457
2072	612,849,457	0	2,914,160	15,273	39,740,008	649,660,032
2073	649,660,032	0	2,635,634	14,178	42,141,783	689,152,003
2074	689,152,003	0	2,397,951	13,153	44,716,519	731,457,418
2075	731,457,418	0	2,281,238	12,103	47,470,199	776,634,276
2076	776,634,276	0	2,101,197	11,133	50,412,577	824,934,523

Note: Contributions are assumed to be made equal to benefit payments plus \$5 million each year until 2027.